

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/562,831
Filing Date	June 21, 2006
First Named Inventor	Lene Moller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		2009/0087569	04-02-2009	Fan et al.	
		4,280,954	07-28-1981	Yannas	
		6,218,176	08-28-1998	Berthold et al	
		7,435,425	10-14-2008	Qian et al.	
		7,427,607	09-23-2008	Suzuki	
		5,743,312	04-28-1998	Pfeifer et al.	
		4,696,812	09-29-1987	Silbering	
		2007-0160543	07-12-2007	Lene Moller	
		2006-0115805	06-01-2006	John Hansen	
		2003-0162708	08-28-2003	Jorgen Wolff	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>2</sup> (if known)				
		DE 4407875 with English Abstract	09-07-1995	Ankerpharm GmbH Ankerwerk Rudo		
		DE 4119140 with English Abstract	12-17-1992	Merz & Co GmbH & Co.		
		DE 3146841 with English Abstract	06-01-1983	Beiersdorf AG		
		EP 1053758 with English Abstract	11-22-2000	Resorba Chirurgisches Nahtmate		
		FR 2679772 with English Abstract	02-05-1993	Peters SA		
		FR 2759980 with English Abstract	08-28-1998	Bras Michel		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is in file (and by the USPTO in process) as application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 7 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND PERS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TK/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

**Complete if Known**

Application Number	10/562,831
Filing Date	June 21, 2006
First Named Inventor	Lene Moller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP 1130519 with English Abstract	05-23-1989	Mitsubishi Electric Corp.		
		JP 62221357 with English Abstract	09-29-1987	Jex Co., Ltd.		
		JP 10507666	07-28-1998	Harrel		
		JP 2002513308	05-08-2002	Biointerventional Corp		
		JP 2004002271	01-08-2004	Mochida		
		WO 2003070110	08-28-2003	New X-National		
		WO 03007845	01-30-2003	Baxter		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Branski et al.; "Mucosal Wound Healing in a Rabbit Model of Subglottic Stenosis"; Arch Otolaryngol Head Neck Surg, Vol. 131, feb 2005, page 153-157.	
		Purdy et al.; "Microfibrillar collagen model of canine cerebral infarction"; Strokes, Vol 20 No 10, October 1989, page 1361-1367	
		Min et al. "Molecular Weight Changes of Sodium Hyaluronate Powder and Solution by Heat Treatment," Matrix Biology Institute, Proceedings of Hyaluronan, Oct. 11-16, 2003	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if preference considered, whether or not citation is in compliance with MPEP 609. Draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.31). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TK/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 3

**Complete if Known**

Application Number	10/562,831
Filing Date	June 21, 2006
First Named Inventor	Lene Moller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

		Santomaso et al.; "Powder flowability and density ratios: the impact of granules packing". Chemical Engineering Science 58 (2003) 2857-2874.	
		Swann; "Studies on hyaluronic acid - I. The preparation and properties of rooster comb hyaluronic acid". Biochemica et biophysica acta, 156 (1968) p. 17-30.	

Examiner  
Signature

/Taeyoon Kim/

Date  
Considered

04/25/2011

\*EXAMPLE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST, 16 if possible). Applicant is to place a check mark box if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TK/